

Phase 2 – Transportation Facility
Stanton ISD
Stanton, Texas



BGR ARCHITECTS, INC.
LUBBOCK, TEXAS
BGR Job Number: 22104.00
October 6, 2021

ADDENDUM NO. 1:

All Proposers are asked to note the following changes, additions, omissions, and/or corrections to the original Proposal Documents. Instructions issued in this Addendum are to be a part of the contract and the Proposers are asked to adjust their Proposal accordingly.

ITEM NO. 1: SPECIFICATIONS, SECTION 00100 – Notice to Proposers: revise the pre-proposal conference to read as follows:

An optional-attendance Pre-proposal Conference will be conducted Tuesday, October 12, 2021, at 3:00 pm, local time, at the Stanton Independent School District Building located at 1106 W. Front Street in Stanton, Texas.

ITEM NO. 2: SPECIFICATIONS, SECTION 09900 – Painting and Finishing, add the attached specification section to the project manual.

ITEM NO. 3: SPECIFICATIONS, SECTION 08700 – Finish Hardware, add the attached specification to the project manual.

ITEM NO. 4: DRAWINGS, SHEET A001 – Elevation 02, revise the dimension that reads “5’-0” CLEAR OF LAVATORY” to read as “5’-0” CLEAR MIN.

End of Addendum No. 1

SECTION 09900 - PAINTING AND FINISHING

PART 1 - GENERAL

1.01 DESCRIPTION:

- A. Provide complete painting and finishing of surfaces throughout interior and exterior of building, including mechanical and electrical equipment, unless otherwise noted not to be painted.
- B. Examine specifications for various other trades and their provisions regarding their painting. Surfaces that are left unfinished by other sections of specifications shall be painted or finished as a part of this section.
- C. Copper, bronze, chromium plate, nickel, stainless steel, Monel metal, lead, and lead coated copper shall not be painted or finished except as otherwise specified or scheduled.
- D. Other surfaces not to be painted, unless otherwise noted, include face brick; synthetic plaster, pre-finished wall, ceiling, and floor coverings; items with factory applied final finish; chases; and plenums above suspended ceilings, except as noted otherwise.

1.02 DOCUMENTS: Applicable requirements of the General Conditions, Supplementary Conditions and General Requirements apply to the work specified in this section.

1.03 RELATED WORK SPECIFIED ELSEWHERE:

Caulking and Sealants - Section 07900

Gypsum Drywall Construction - Section 09250

1.04 QUALITY ASSURANCE:

- A. Product Labels: Include manufacturer's name, type of paint, stock number, color and label analysis on label of containers.
- B. Field Quality Control: Apply each type of finish required on a representative area or room for approval of color, texture, quality and workmanship. After approval, these applications shall serve as standard of quality for entire project.

1.05 SAMPLES AND COLORS:

- A. Colors, including deep tones, will be selected by Architect. Number of colors to be used on job will be determined by Architect.
- B. After initial selections are made, painter shall prepare two 12" x 12" samples of each color and sheen selected, on properly prepared paint-out cards or hardboard. One set of approved samples shall remain at project site, and one will be retained at the architect's office.
- C. Prepare stained wood samples on type and quality of wood specified for use on project. Painter shall provide two samples of approved stain, one of which shall be maintained at project site.
- D. Submit 12" x 12" samples of drywall textures based on Architect's instructions for a general type of texture desired.
- E. Submit paint schedule in accordance with submittal requirements of Section 01340. List each surface and its proposed paint products and systems.

- 1.06 SUBSTITUTIONS:
- A. Comply with provisions of Section 01630.
 - B. Submit substitute paint schedule listing each surface and its proposed products.
 - C. Submit complete supporting data, specifications, and identifying numbers of each proposed product.
 - D. Do not order or deliver materials until Architect's approval is obtained.
- 1.07 DELIVERY AND STORAGE:
- A. Deliver materials in original containers with seals unbroken and labels intact.
 - B. Store materials and equipment in a single lockable area of project site. Provide adequate means to protect floors and adjacent surfaces of this area from damage.
 - C. Store clean rags, paint, and solvents in closed metal containers located in designated area. Dispose of soiled rags daily.
 - D. Comply with applicable health and fire regulations.
- 1.08 SCAFFOLDS AND PROTECTION:
- A. Provide adequate safe ladders, scaffolds, and stages necessary to complete work.
 - B. Protect completed finish and painted work, and protect adjacent finish surfaces from paint splatter, spills and stains. Use adequate drop cloths and masking procedures during progress of work.
- 1.09 EXTRA PAINT: Upon completion of the work, deliver to the Owner one (1) gallon of each type and color of paint used.
- 1.10 GUARANTEE: This Contractor shall guarantee all work performed under this contract for a period of one (1) year from date of acceptance. Cracking, peeling and scaling of paint shall be judged as defective work.

PART 2 - PRODUCTS

- 2.01 MATERIALS:
- A. Products specified in Schedule of Painting are as manufactured by Sherwin-Williams, unless otherwise indicated; equivalent products of Pratt and Lambert, Pittsburgh Paints, Benjamin Moore and Kelly-Moore may be furnished in lieu of those listed, provided that they are of equal type and quality.
 - B. Materials selected for coating systems shall be products of a single manufacturer unless otherwise specified.
 - C. Secondary products such as linseed oil, turpentine and shellacs shall be first line quality products of a reputable manufacturer.
 - D. Lead Free Paint: All paint specified for use under this section shall be lead free and mercury free and shall be in full compliance with Federal Hazardous Substances Act.
 - E. Volatile Organic Compound (VOC) limits for paint and coating materials shall comply with requirements of governing regulatory agency.
- 2.02 MIXING AND TINTING:

- A. Accomplish job site tinting and mixing only when approved by Architect. Use tinting colors recommended by paint manufacturer for specific type of finish.
 - B. Thin paints only when specifically allowed by manufacturer: do not exceed thinning directions.
- 2.03 JOINT TREATMENT MATERIALS:
- A. Compounds: Pre-fill powdered joint compound, taping compound and topping compound, ASTM C475.
 - B. Joint Tape: Perforated tape, ASTM C475.

PART 3 - EXECUTION

3.01 INSPECTION:

- A. Examine surfaces scheduled to receive paint and finish for conditions that will adversely affect execution, permanence, or quality of finish work, and which cannot be put into an acceptable condition through normal preparatory work.
- B. Notify Architect in writing of such unacceptable conditions.
- C. Do not proceed with surface preparation or coating applications until conditions are suitable.
- D. Application of paint or finish to surfaces shall constitute acceptance of that surface.

3.02 GENERAL APPLICATION REQUIREMENTS:

- A. The intent of these specifications is to produce highest quality appearance of paint and finish surfaces. Employ skilled mechanics only.
- B. Do not apply exterior paint while surface is damp, or during cold, rainy, or frosty weather, or when temperature is below 50 deg. F. Avoid painting surfaces exposed to hot sun.
- C. Floors and adjacent surfaces, as well as surfaces to be painted, shall be clean before painting.
- D. Finish tops, bottoms, and edges of doors same as balance of doors after they are fitted. Seal top, bottom, opening and hardware recesses immediately after hanging doors.
- E. Clean surfaces free of foreign matter before applying paint or finishes.
- F. Maintain ambient temperature in building of not less than 60 deg. F. for 24 hours prior to and minimum of 24 hours after interior painting.
- G. Do not paint masonry surfaces with a moisture content exceeding 12%.
- H. Provide a minimum of 20 foot candles illumination for surfaces to be painted or finished.
- J. Apply materials with adequate ventilation; maintain ventilation in occupied rooms.

3.03 MECHANICAL AND ELECTRICAL PAINTING REQUIREMENTS:

- A. Paint metal surfaces, including pipes, conduit, machinery, equipment panels and boxes where exposed in finished spaces, mechanical rooms or on exterior. Paint equipment Machinery Gray unless otherwise noted. Paint pipes and conduits to match color of adjacent surfaces unless otherwise directed by Architect.
- B. Metal surfaces delivered with prime coat shall have abrasions touched up and finish coats applied as specified.
- C. Touch up abrasions in factory finishes.
- D. Paint galvanized ducts exposed to view on interior of building, including mechanical

- spaces, in accordance with painting schedule for galvanized metal.
- E. Paint air conditioning grilles, registers, ceiling diffusers and speaker grilles to match color of adjacent surfaces unless otherwise directed by Architect.
- F. Paint exposed conduit supports, clamps, hangers, and exposed conduit and boxes in accordance with painting schedule.
- G. Paint panel boards and other cabinets in accordance with painting schedule to match color of adjacent surfaces, when located in finished spaces other than closets or mechanical/electrical rooms.
- H. Paint surfaces inside of ducts, diffusers and other mechanical openings, which are exposed to view, flat black.
- J. Do not paint nameplates on equipment or labels on doors and frames.

3.04 PREPARATION OF SURFACES:

- A. Comply with manufacturer's written instructions and recommend actions in "MPI Architectural Painting Specification Manual" applicable to substrates indicated.
- B. Seal knots, pitch streaks, and sappy spots with 2 lb. cut shellac priming.
- B. Fill nail holes, cracks, open joints, and other defects with putty after first coat. Color to match finish.
- C. Sand woodwork smooth and clean surface before finishing.
- D. Back prime interior trim and cabinetry with tinted wood primer before installation.
- E. Back prime exterior wood fascias and grounds with tinted wood primer.
- F. Paste wood filler, applied on open grain wood when "set" shall be wiped across grain of wood, then with grain to secure a clean surface.
- G. Coat surfaces to be stained with a uniform coat of stain and wipe excess off.
- H. Sand enamel or varnish finish on wood between coats using a fine sandpaper to produce an even, smooth finish. Thoroughly clean surfaces.
- J. Wash metal surfaces with mineral spirits to remove dirt, oil, or grease before applying primer. Remove rust or scale by wire brushing or sanding clean before painting. Clean marred shop coats and touch-up with primer.
- K. Pre-treat galvanized metal surfaces with a crystalline zinc phosphate treatment such as Lithoform, by American Chemical Paint Co., Ambler, Pa., or Galvaprep #5, by Neilson Chemical Co., Detroit, Mich.
- L. Fill scratches, cracks, and abrasions in drywall with a spackling compound flush with adjoining surface. When dry, sand smooth and seal before application of priming coat.
- M. Fill and sand metal door frames as required to provide a smooth surface before finishing. Touch-up factory prime coat before applying first coat.
- N. Touch-up shop coats on metal surfaces before applying finish.
- O. All gypsum board surfaces to receive paint finish shall first receive a uniform texture applied to the surface. Type of texture, including means of application shall be as selected and approved by the Architect.
- P. Do not paint over dirt, rust, scale, grease, moisture, scuffed surfaces, or conditions otherwise detrimental to the formation of a durable paint film.
- Q. Sealed concrete floors shall be cured a minimum of 28 days and dryness tested with a plastic film tape-down test, and corrected to meet concrete sealer manufacturer's recommendations. Abrasive blast or mechanically abrade.
- R. Clean surfaces to be painted before applying paint or surface treatments.

3.05 JOINT TREATMENT: Treat joints, interior angles, fastener depressions and finishing trim on face-layer wallboard. Pre-fill, tape, fill and finish in strict accordance with manufacturer's

directions. Sand finish coat and leave surfaces smooth, uniform, and free of fins, depressions, cracks and other imperfections. Treat joints of surfaces to receive ceramic tile or other finish wall material. Treat joints of all exposed face layers. Treat joints of all face layers of all gypsum board fire proofing and fire rated construction in exposed and concealed locations. Treat joints of sound insulated walls above ceilings.

3.06 APPLICATION:

- A. Final coat of paint shall have visual evidence of solid hiding and uniform appearance, and shall be smooth, free of brush marks, streaks, sags, runs, laps, holidays, or skipped areas.
- B. Apply paint, stain, and varnish with suitable brushes, or rollers, as recommended by manufacturer. Spray application will be allowed only upon written approval of the Architect.
- C. Allow previous coats to thoroughly dry before applying succeeding coats.
- D. Edges of paint adjoining other materials or colors shall be sharp and clean with no overlapping.
- E. Sand and dust between each coat as required to remove visual defects.
- F. Adjust transparent (natural) finishes to obtain matching appearance between doors and casework.
- G. Each coat of paint applied shall be inspected by Architect before application of succeeding specified coats. Only inspected coats of paint will be considered in determining number of coats. Provide Architect a report of each coat applied when completed for inspection to comply with above. Architect reserves right to make revisions within color range of paint prior to final coat, at no additional cost.
- H. Apply each coat of paint uniformly to minimum wet film (MWF) thickness specified in Schedule, or as recommended by manufacturer. Where shown provide minimum dry film (MDF) thickness shown in schedule. Additional coats shall be applied if required to produce full coverage.

3.07 CLEANING AND PATCHING:

- A. Upon completion of work, remove paint and varnish spots from floor, glass, and other finished surfaces. Remove from premises rubbish and accumulated materials. Leave work in clean, orderly, and acceptable conditions.
- B. Spot painting will be allowed to correct soiled or damaged paint surfaces only when touch-up spot will blend into surrounding finish and is invisible to normal viewing. Otherwise, re-coat entire section to corners or visible stopping point.

3.08 SCHEDULE OF PAINTING:

EXTERIOR METAL 100% ACRYLIC SEMI-GLOSS FINISH (PRIMED OR UNPRIMED)

- First: Pro Industrial Pro-Cryl Universal Primer, B66W01310
- Second: Pro Industrial Acrylic Semi-Gloss, B66W00651
- Third: Pro Industrial Acrylic Semi-Gloss, B66W00651
- NOTE: First coat not required on items delivered with shop coat applied. Use this finish on all exterior ferrous metal including exposed structural steel.

EXTERIOR CONCRETE - Acrylic Smooth

- First: Loxon Block Surfacers, A24W200, <100 g/L VOC.

Second: A-100 Exterior Latex Flat, A6 series, <50 g/L VOC
Third: A-100 Exterior Latex Flat, A6 series, <50 g/L VOC

MASONRY CMU: Concrete Masonry Units – WET AREAS

Epoxy Systems; Solvent Base Finish:

Semi-Gloss Finish:

1st Coat: S-W Kem Cati-Coat HS Epoxy Filler/Sealer, B42-400 Series (14.0-28.0 mils wet, 10.0-20.0 mils dry).
2nd Coat: S-W Macropoxy 646-100 Fast Cure Epoxy, B58 Series.
3rd Coat: S-W Macropoxy 646-100 Fast Cure Epoxy, B58 Series (7.0-13.5 mils wet, 5.0-10.0 mils dry per coat).

INTERIOR METAL - SEMI-GLOSS FINISH

First: Pro Industrial Pro-Cryl Universal Primer, B66W01310
Second: Pro Industrial Acrylic Semi-Gloss, B66W00651
Third: Pro Industrial Acrylic Semi-Gloss, B66W00651
NOTE: Use this finish for all interior ferrous metal including exposed structural steel except where other finishes are required. First coat not required on items delivered with prime coat.

INTERIOR WOODWORK - PAINTED (ENAMEL) FINISH

First: ProMar 200 Zero VOC Primer, B28W02600
Second: Pro Industrial Acrylic Semi-Gloss, B66W00651
Third: Pro Industrial Acrylic Semi-Gloss, B66W00651
NOTE: Use this finish for all white pine and trim, millwork, etc., noted to have painted finish.

INTERIOR DRYWALL CONSTRUCTION (Gypsum) - 100% ACRYLIC EGG-SHELL ENAMEL FINISH

First: ProMar 200 Zero VOC Primer, B28W02600
Second: ProMar 200 Zero VOC Eg-Shel B20-W2600 Series
Third: ProMar 200 Zero VOC Eg-Shel B20-W2600 Series
NOTE: Use this finish at all exposed gypsum board unless otherwise scheduled. All cemented and taped joints shall be spot primed with ProMar 200 Zero VOC Primer, B28W02600. Before proceeding with the above specifications provide over the surface a uniform texture as approved by the Architect before painting.

End of Section

SECTION 08700 - FINISH HARDWARE

PART 1 - GENERAL

- 1.01 DESCRIPTION: Perform all work required to complete the Finish Hardware installation indicated by the Contract Documents. Furnish all supplementary items necessary for proper installation.
- 1.02 RELATED DOCUMENTS: Applicable requirements of the General Conditions, Supplementary Conditions and General Requirements apply to the work specified in this section.
- 1.03 RELATED WORK SPECIFIED ELSEWHERE:
Hollow Metal Doors & Frames - Section 08100
Wood Doors - Section 08211
- 1.04 QUALITY ASSURANCE:
- A. Regulatory Requirements: Finish hardware shall comply with requirements of Americans with Disabilities Act (Public Law 101-336), and the Texas Government Code, Chapter 469, Texas Accessibility Standards, Adopted November 1, 2011.
 - B. Regulatory Requirements (Energy): Finish Hardware products, and installation of those products used for weatherstripping doors or other openings on building exterior shall meet performance requirements of the International Energy Conservation Code (IECC), 2009 edition, and as herein specified. Refer also to Section 00850 - INTERNATIONAL ENERGY CODE COMPLIANCE STATEMENT.
- 1.05 SUBMITTALS:
- A. Schedules: Submit detailed finish hardware schedule in accordance with Section 01340, for Architect's approval. Schedule shall be complete, including type, manufacturer's name and number, and finish of each item required. A complete schedule of keying shall also be furnished. Do not order or deliver finish hardware until Architect has approved schedules.
 - B. Manufacturer's Data: Submit manufacturer's data on each item of hardware, including maintenance and installation instructions.
 - C. Samples: If requested by Architect, submit sample of each type of finish hardware item used on project. If approved, samples may be used on project.
 - D. Templates: Furnish templates to other trades as required for fabrication of hollow metal door and frames, aluminum and glass doors, or other items related to hardware.
- 1.06 PRODUCT DELIVERY, STORAGE AND HANDLING:
- A. Package and deliver hardware items separately and mark each to correspond with numbers on hardware schedule. Include necessary instructions, templates, drawings and fasteners for proper installation. Include extra fasteners.
 - B. Provide secure lock-up for hardware delivered to the project, but not yet installed. Control the handling and installation of hardware items which are not immediately replaceable, so that the completion of the work will not be delayed by hardware losses, both before and after installation.
 - C. Coordinate hardware with other work. Review approved Shop Drawings of related

trades and verify that scheduled finish hardware is suitable for each related item of work. Tag each item or package separately, with identification related to the final hardware schedule.

1.07 COORDINATION:

- A. Review approved Shop Drawings of related trades and verify that scheduled finish hardware is suitable for each related item of work.
- B. Deliver templates and finish hardware to aluminum and glass door suppliers for fitting and installation.

PART 2 - PRODUCTS

2.01 GENERAL:

- A. Manufacturers Reference Numbers: Where items of hardware are specified by numbers of manufacturers, they are taken from the following catalogues:
 Russwin
 Sargent
 Corbin
 Schlage
 Stanley
 Hager
 Von Duprin
 Trimco
 LCN
 Ives
 Trego
 Glynn Johnson Corporation
 And those noted
- B. Only items listed as equal will be accepted by the Architect.
- C. Hinges - Shall be Stanley/Hager - in type, size and weight listed in the hardware sets. Comparisons of either McKinney or Hager/Stanley will be accepted as equal.

<u>Item Specified</u>		<u>Mfr.</u>		<u>Allowable Equals</u>	
				Item	Mfr.
Butts:	FBB168	Stanley		BB1168	Hager
	FBB179	Stanley		BB1279	Hager
	F179	Stanley		1279	Hager
	FBB212	Stanley		BB759	Hager
	2060	Stanley		1250	Hager
	T4B3786	McKinney		BB1168	Hager
	TB2714	McKinney		BB1279	Hager
	T2714	McKinney		1279	Hager
	TB792	McKinney		BB759	Hager
	1502	McKinney		1250	Hager
				T4B3786	McKinney
				TB2714	McKinney
Butts:				T2714	McKinney
				TB792	McKinney
				1502	McKinney
				FBB168	Stanley
				FBB179	Stanley
				F179	Stanley
				FBB212	Stanley
				2060	Stanley

BB1279	Hager	FBF179	Stanley	TB2714	McKinney
1279	Hager	F179	Stanley	T2714	McKinney
BB759	Hager	FBF212	Stanley	TB792	McKinney
1250	Hager	2060	Stanley	1502	McKinney
T4B3786	McKinney	FBF168	Stanley	BB1168	Hager
TB2714	McKinney	FBF179	Stanley	BB1279	Hager
T2714	McKinney	F179	Stanley	1279	Hager
TB792	McKinney	FBF212	Stanley	BB759	Hager
1502	McKinney	2060	Stanley	1250	Hager

Note: Where existing frames occur, it shall be the responsibility of the hardware supplier to field measure hinge size and weight and to furnish hinges as required at these openings.

- D. Cylindrical Locks & Latches - Shall be Corbin Russwin CL3300" Series Newport design trim.

Substitutes may be considered with prior approval of the Architect.

- E. Mortise Locks - Shall be Corbin Russwin ML2000 Series design with Newport trim as shown.

Substitutes may be considered with prior approval of the Architect.

- F. Exit Devices - Shall be Corbin Russwin types and series as listed in hardware sets. NO SUBSTITUTIONS WILL BE ALLOWED. Exit devices shall have manufacturer's 3 year warranty.
- G. Door Closers - Shall be Corbin Russwin types and series as shown in the hardware sets. NO SUBSTITUTIONS WILL BE ALLOWED.
- H. All flush bolts shall have dust proof strikes.
- K. Push, Pulls, Kickplates, Door Stops & Bumpers - Shall be Pemko. Items of Trimco are acceptable as equal. Thickness of kickplates shall be 16 gauge .050.
- L. Silencers - Shall be Glynn-Johnson GJ-64 or Rockwood 608. Provide three (3) silencers for interior single doors and two (2) silencers for interior pairs of doors.
- M. Hand of Door: The drawings show the swing hand of each door leaf (left, right, reverse bevel, etc.). Furnish each item of hardware for proper installation and operation of the door swing as shown.
- N. Fasteners: Manufacture hardware to conform to published templates, generally prepared for machine screw installation. Do not provide hardware which has been prepared for self-tapping sheet metal screws, except as specifically indicated.
- P. Fire-Rated Openings: Provide hardware for fire-rated openings that complies with NFPA 80, Standard for Fire Doors and Windows, latest edition.
- Q. Furnish screws for installation, with each hardware item. Provide Phillips flat-head screws except as otherwise indicated. Finish exposed (exposed under any condition) screws to match the hardware of such other work as closely as possible, including "prepared for paint" in surfaces to receive painted finish.
- R. Provide concealed fasteners for hardware units which are exposed when the door is closed, except to the extent no standard-manufacturer units of the type specified are available with concealed fasteners.
- S. Elimination of Architectural Barriers: Door hardware shall comply with the applicable requirements of Texas Department of Licensing and Regulation, Elimination of Architectural Barriers Act, Article 9102, Texas Civil Statutes, and as

follows:

1. Door Hardware: Handles, knobs, pulls, latches, locks, and other operating devices on accessible doors shall be mounted no higher than 48 inches above the floor or ground surface and shall have a shape that is easy to grasp with one hand and does not require tight grasping, tight pinching, or severe twisting to operate. The force required to activate door hardware shall be no greater than five lbf. Preferred designs include but are not limited to lever-operated mechanisms, push-type mechanisms, and U-shaped handles. When sliding doors are fully open, operating hardware shall be exposed and usable from both sides. Doors to hazardous areas such as loading platforms, boiler rooms, mechanical and electrical rooms, and to other areas that might be dangerous to a blind person, shall be made identifiable to the touch by a textured surface on the door handle, knob, pull or other operating hardware. This textured surface may be made by knurling or roughening or by a material applied to the contact surface. Such textured surfaces shall not be provided for emergency exit doors or any doors other than those to hazardous areas.
2. Door Closers: If a door has a closer, then the sweep period of the closer shall be adjusted so that from an open position of 90 degrees, the door will take at least five seconds to move to an open position of approximately 12 degrees.
3. Door Opening Force: The maximum force for pushing or pulling open a door shall comply with this paragraph. For hinged doors, the force shall be applied perpendicular to the door at the door opener or 30 inches from the hinged side, whichever is farther from the hinge. For sliding or folding doors, the force shall be applied parallel to the door at the door pull latch. Forces shall be as follows:
 - a. Exterior hinged doors shall not exceed 8.5 lbf. Slight increases in opening force shall be allowed where 8.5 lbf is insufficient to compensate for air pressure differentials.
 - b. Sliding doors, folding doors, and interior hinged doors shall not require a force exceeding five lbf.

2.02 KEYING:

- A. All locks shall be master keyed as directed to the Owner's existing masterkey system.
- B. Furnish 6 master keys direct to Owner.
- C. Exterior locks shall have construction cylinders, construction masterkeyed. Furnish ten (10) keys. Keys shall have key code stamped on bow of key.
- D. Key Quantity: Furnish 3 change keys for each lock.
- E. Hardware supplier shall consult with Architect and Owner's Representative and secure written approval of the complete keying layout prior to placing lock order with factory.
- F. After installation of all hardware and before acceptance of the building, hardware supplier shall check each locked door against key code index to make certain that correct locks and cylinders are on proper doors. On any incorrectly located cylinder, he shall tag and have general contractor relocate to proper position.
- G. Hardware Schedule: (See Attached).

PART 3 - EXECUTION

3.01 INSTALLATION:

- A. Mount hardware units at heights recommended in "Recommended Location for Builders' Hardware" by BHMA, except as otherwise specifically indicated or required to comply with governing regulations, and except as may be otherwise directed by the Architect.
- B. Install each hardware item in compliance with the manufacturer's instructions and recommendations. Wherever cutting and fitting is required to install hardware onto or into surfaces which are later to be painted or finished in another way, install each item completely and then remove and store in a secure place during the finish application. After completion of the finishes, re-install each item. Do not install surface-mounted items until finishes have been completed on the substrate.
- C. Set units level, plumb and true to line and location. Adjust and reinforce the attachment substrate as necessary for proper installation and operation.
- D. Drill and countersink units which are not factory-prepared for anchorage fasteners. Space fasteners and anchors in accordance with industry standards.

3.02 FINAL ADJUSTMENT:

- A. Wherever hardware installation is made more than one month prior to acceptance or occupancy of a space or area, return to the work during the week prior to acceptance or occupancy, and make a final check and adjustment of all hardware items in such space or area. Clean and relubricate operating items as necessary to restore proper function and finish of hardware and doors. Adjust door control devices to compensate for final operation of heating and ventilating equipment.
- B. Instruct Owner's Personnel in proper adjustment and maintenance of hardware during the final adjustment of hardware.

3.03 HARDWARE SCHEDULE:

Furnish each door leaf with hardware items scheduled. If a door is shown on the Drawings and not included in hardware schedule then Contractor shall provide comparable hardware as doors at similar locations or functions, at no additional cost.

3.04 KEY CABINET

- 1. Lund Key Cabinet to hold all keys plus 25% additional capacity. Mount on wall where directed. Contractor shall place keys in cabinet properly identified on the tags for space required. He shall coordinate tagging and marking of keys with the Owner.

HW-1

OPENING

01-101, 05-104, 08-104

EACH OPENING TO HAVE:

01 EA. STANLEY HINGE 662 HD – 83"

CL

01 EA. CORBIN CLOSER DC6210 A5 M54

626

01 EA.	CORBIN EXIT DEVICES 5200S N955 MELR M91 M92 M93 M52 M54 CLS7	626
02 EA.	CORBIN CYLINDERS CLS7	626
01 EA.	ROCKWOOD KICKPLATE .050 10" X 34"	630
01 EA.	PEMKO THRESHOLD 170A PEMKOTE 3'0"	
01 EA.	PEMKO SWEEP 345AV 3'0"	
01 SET	PEMKO WEATHERSTRIP 306AV 3'0" X 7'0"	
01 EA.	PEMKO DRIPCAP 346C 3'4"	

HW-2

OPENING
9-107

EACH OPENING TO HAVE:

03 EA.	HAGER BUTTS BB1168 4½ X 4½	626
01 EA.	CORBIN CLOSER DC6200 M54	626
01 EA.	CORBIN LOCKSET CL3357 NZD M08	626
01 EA.	ROCKWOOD KICKPLATE .050 10" X 46"	630
01 EA.	ROCKWOOD STOP 409	630
01 EA.	PEMKO GASKET S88D-18'	

HW-3

OPENING
13-102

EACH OPENING TO HAVE:

03 EA.	HAGER BUTTS BB1279 4½ X 4½	626
01 EA.	CORBIN LOCKSET CL3357 NZD M08	626
01 EA.	ROCKWOOD KICKPLATE .050 10" X 34"	630
01 EA.	ROCKWOOD STOP 409	630

HW-4

OPENING
12-103

EACH OPENING TO HAVE:

03 EA.	HAGER BUTTS BB1279 4½ X 4½	626
01 EA.	CORBIN CLOSER DC6200 M54	626
01 EA.	CORBIN LOCKSET CL3320 NZD	626
01 EA.	ROCKWOOD KICKPLATE .050 10" X 34"	630
01 EA.	ROCKWOOD STOP 409	630
03 EA.	ROCKWOOD SILENCERS 608	

HW-5

OPENING
10-105

EACH OPENING TO HAVE:

03 EA.	HAGER BUTTS BB1279 4½ X 4½	626
01 EA.	CORBIN LOCKSET CL3351 NZD M08	626
01 EA.	ROCKWOOD STOP 409	630
03 EA.	ROCKWOOD SILENCERS 608	

HW-6

OPENING
11-106

EACH OPENING TO HAVE:

01 SET	PEMKO FOLDING DOOR KIT HF4/100A/6 (72")	630
02 EA.	ROCKWOOD FLUSH PULL 95A	630

HW-7

OPENING
2-101, 3-104, 4-104, 6-108, 7-108

EACH OPENING TO HAVE:

ALL HARDWARE TO BE PROVIDED BY DOOR MANUFACTURER.
CONTRACTOR TO VERIFY REQUIREMENT FOR LOCK
CYLINDERS AND PROVIDE AS REQUIRED.

End of Section

Addendum 1 changes the location for the Pre-Bid Meeting to 1106 W. Front Street, Stanton, TX. Add specifications sections for 09900 and 08700. Also changes Sheet A001.